

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number
WO 2005/040944 A1

(51) International Patent Classification⁷: **G05B 19/401**

(21) International Application Number:
PCT/EP2004/011540

(22) International Filing Date: 14 October 2004 (14.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/511,491 15 October 2003 (15.10.2003) US
03447253.0 15 October 2003 (15.10.2003) EP

(71) Applicant (for all designated States except US): **METRIS N.V. [BE/BE]**; Interleuvenlaan 15d, B-3001 Leuven (BE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **VAN COP-PENOLLE, Bart [BE/BE]**; Merellaan 3, B-3210 Linden (BE). **DE JONGE, Lieven [BE/BE]**; Nijvelsebaan 4, B-3090 Overijse (BE).

(74) Agent: **BRANTS, Johan, Philippe, Emile**; De Clercq Brants & Partners, E. Gevaertdreef 10a, B-9830 Sint-Martens-Latem (BE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/040944 A1

(54) Title: A METHOD, DEVICE AND COMPUTER PROGRAM FOR EVALUATING AN OBJECT USING A VIRTUAL REPRESENTATION OF SAID OBJECT

(57) Abstract: The present invention relates to a method for evaluating an object by reading commands of a macro normally used in measurement equipment for evaluating a physical object, and applying said commands to a numerical (virtual) representation of a physical object. Said method provides an evaluation of the physical object, by applying said macro to a virtual representation of said object.